

## **FACT SHEET**

### **DRAFT HWMA/RCRA HAZARDOUS WASTE FACILITY PERMIT MODIFICATION U.S. ECOLOGY OF IDAHO INC. – SITE B EPA ID No. IDD073114654**

This fact sheet sets forth the principal facts pertaining to a draft Class 3 Permit Modification (Modification) that the Idaho Department of Environmental Quality (DEQ) is proposing to approve and issue to U.S. Ecology of Idaho, Inc. (USEI), the Permittee. A draft Modification incorporating the requested changes has been prepared to specify the design, construction, operation, monitoring, and closure of two new hazardous waste treatment tanks at Site B (EPA ID No. IDD073114654) located near Grandview, Idaho.

The regulatory basis for the conditions and requirements of the draft Permit can be found within the Rules and Standards for Hazardous Waste, IDAPA 58.01.05.004 through 58.01.05.013 [40 CFR Parts 124, 260 through 266, 268, and 270]. This fact sheet was prepared in accordance with the requirements of IDAPA 58.01.05.013 [40 CFR § 124.8].

#### **A. PURPOSE OF THE PERMITTING PROCESS**

The purpose of the permitting process is to design specific administrative and procedural requirements, under which the Permittee will operate, to comply with the Idaho Hazardous Waste Management Act of 1983 (HWMA), as amended, and regulations promulgated thereunder by DEQ.

This draft Modification was prepared based upon a request to include requirements associated with the operation of two hazardous waste treatment tanks to be located within the existing Containment Building at the Site B facility. The permit modification request, supporting data provided by the Permittee, and all other documents retained by DEQ in support of the draft modification are available for review. DEQ hereby proposes to approve the draft Modification. The public is given forty-five (45) calendar days to review and comment on the draft permit conditions prior to DEQ taking any final action (issue or deny) on the Modification.

#### **B. PROCEDURES FOR REACHING A FINAL DECISION**

IDAPA 58.01.05.013 [40 CFR § 124.10] requires that the public be given forty-five (45) calendar days to comment on each draft Permit prepared under the HWMA. The comment period on DEQ's decision to approve the draft Modification begins on July 16, 2008 and ends on September 1, 2008. Any person interested in commenting on the draft Modification must do so within this forty-five (45) day period. Only the modified permit conditions and attachments are open for public comment per IDAPA 58.01.05.013 [40 CFR § 124.5].

All persons wishing to comment on the proposed draft Modification should submit comments in writing to:

Mr. Robert Bullock  
c/o Ms. Jenny Shafer  
Waste Management and Remediation Division  
Idaho Department of Environmental Quality  
1410 North Hilton  
Boise, Idaho 83706-1255  
(208) 373-0502

Comments should include all reasonable references, factual grounds, and supporting material.

Opportunity for a public hearing may be provided if signed, written requests for a hearing in accordance with IDAPA 58.01.05.013 [40 CFR § 124.11] are submitted personally to DEQ and received on or before September 1, 2008. If sufficient public interest is expressed in holding a public hearing, then a formal public hearing will be held. The decision on whether there is sufficient public interest in holding the hearing will be based on the receipt of written comments and requests for a public hearing.

When making the final determination regarding the approval of this draft Modification, the Department will consider all written comments received during the public comment period, between July 16, 2008 and ends on September 1, 2008, those received during the public hearing (if held), the requirements of the hazardous waste regulations of IDAPA 58.01.05.000 *et seq.*, and all other applicable federal, state, or local laws.

### **C. FACILITY DESCRIPTION**

USEI Site B is a 120-acre facility that manages on- and off-site-generated hazardous and non-hazardous wastes. The facility is located in Owyhee County on Lemley Road, 10 miles west of Grand View, Idaho. No residences or agricultural crops are located within 1,000 feet of the USEI facility. The present facility consists of operating and closed landfill disposal cells, surface impoundments, containment building, treatment areas, and storage areas. Currently permitted operations also include the treatment and disposal of low-activity radioactive material exempted from regulation under the Atomic Energy Act of 1954, as amended.

Envirosafe Services of Idaho (ESII) received a Resource Conservation and Recovery Act (RCRA) Part B Permit on November 8, 1988, issued jointly by the U.S. EPA and the Idaho Department of Health and Welfare. The facility was originally constructed as an Air Force Titan Missile Base in the late 1950s. From 1973 to 1981, Wes-Con, Inc. operated the facility as a hazardous waste disposal site. ESII acquired the facility from Wes-Con in August of 1981 and continued to treat, store, and dispose of hazardous waste under RCRA interim status regulations. USEI acquired ownership of Site B from ESII in February 2001. A renewal permit was issued to USEI effective November 12, 2004.

This draft Modification addresses the design, construction, operation, monitoring, and closure of two hazardous waste treatment tanks to be located within the existing Containment Building at Site B. The tanks have been designed in accordance with 40 CFR § 264 Subpart J. Calculations and supporting data were included in the permit modification request.

### **D. CHRONOLOGY OF REGULATORY ACTIONS**

USEI submitted a Class 3 Permit Modification request for the design, construction, operation, monitoring, and closure of two hazardous waste treatment tanks in October 2006. DEQ reviewed the permit modification request in accordance with IDAPA 58.01.05.012 [40 CFR § 270.42(c)]. The Permittee held a public meeting on the proposed permit modification on November 21, 2006. No comments were received from the public during the public meeting or the initial 60-day comment period. Based on DEQ comments, revisions were made to the proposed Permit modifications in March 2007 and May 2008. In accordance with IDAPA 58.01.05.013 [40 CFR § 124.3], DEQ determined that the Modification was technically complete on June 30, 2008.

**E. DRAFT MODIFICATION ORGANIZATION**

The draft Modification is contained in portions of the following thirteen (13) modules, and portions of the following twenty-six (26) permit attachments with associated figures, with all modifications identified throughout these:

<b><u>MODULE</u></b>	<b><u>TITLE</u></b>
I	STANDARD PERMIT CONDITIONS
II	GENERAL FACILITY CONDITIONS
III	CONTAINER STORAGE AND TREATMENT
IV	TANK STORAGE AND TREATMENT
V	SURFACE IMPOUNDMENT STORAGE, TREATMENT, AND DISPOSAL
VI	LANDFILL DISPOSAL
VII	SURFACE WATER MANAGEMENT PLAN
VIII	PAST PRACTICE UNITS
IX	GROUNDWATER MONITORING
X	CONTAINMENT BUILDING AND DEBRIS TREATMENT
XI	STABILIZATION OPERATIONS
XII	MISCELLANEOUS UNITS UNDER SUBPART X
XIII	CORRECTIVE ACTION

<b><u>ATTACHMENT</u></b>	<b><u>TOPIC</u></b>
1	FACILITY LEGAL DESCRIPTION & MAP OF FACILITY LOCATION
2	WASTE ANALYSIS PLAN
3	SECURITY PROCEDURES
4	INSPECTION PLAN
5	TRAINING PLAN
6	HAZARDS PREVENTION PLAN
7	CONTINGENCY PLAN
8	RESPONSE ACTION PLAN
9	CLOSURE AND POST-CLOSURE PLANS
9A	ALTERNATIVE FINAL COVER ASSESSMENT TRENCHES 10 & 11
9B	ALTERNATIVE COVER MONITORING PROGRAM PLAN
10	SURFACE WATER MANAGEMENT PLAN
11	GROUND WATER MONITORING PLAN
12	PART A PERMIT APPLICATION
13	CONTAINER MANAGEMENT UNITS
14	BULK MATERIAL TANK SYSTEMS
15	OUTDOOR STABILIZATION FACILITY
16	GENERAL CONSTRUCTION SPECIFICATIONS
17	SURFACE IMPOUNDMENT UNITS
18	ENGINEERING REPORT FOR LANDFILL CELL 15
19	LANDFILL UNITS
20	MASTER BOOK OF DRAWINGS
21	CLOSURE COVER DESIGN
21A	CLOSURE COVER DESIGN DRAWINGS FOR ALTERNATIVE COVER
22	PAST PRACTICE UNITS
23	EXEMPT RADIOLOGICAL MATERIALS PROCEDURES MANUAL
24	CONTAINMENT BUILDING AND DEBRIS TREATMENT
25	TREATMENT PROCESSES DESCRIPTION
26	LIST OF PERMIT MODIFICATIONS